

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



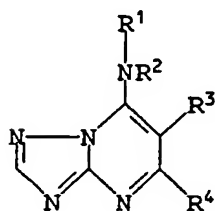
(11) Publication number:

**0 550 113 A3**

(12)

**EUROPEAN PATENT APPLICATION**(21) Application number: **92204097.7**(51) Int. Cl.<sup>5</sup>: **C07D 487/04**, A01N 43/90,  
/(C07D487/04,249:00,239:00)(22) Date of filing: **28.12.92**(30) Priority: **30.12.91 EP 91122422**(43) Date of publication of application:  
**07.07.93 Bulletin 93/27**(84) Designated Contracting States:  
**AT BE CH DE DK ES FR GB GR IE IT LI LU NL  
PT SE**(98) Date of deferred publication of the search report:  
**04.08.93 Bulletin 93/31**(71) Applicant: **SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V.**  
**Carel van Bylandtlaan 30**  
**NL-2596 HR Den Haag(NL)**(72) Inventor: **Pees, Klaus-Jürgen**  
**Soonwald Strasse 9**  
**W-6500 Mainz(DE)**  
Inventor: **Albert, Guldo**  
**Volxheimer Strasse 4**  
**W-6071 Hackenheim(DE)**(54) **Triazolopyrimidine derivatives with fungicidal activity.**

(57) This invention relates to certain triazolopyrimidine derivatives of the general formula



(I)

in which R<sup>1</sup> represents an optionally substituted alkyl, alkenyl, alkynyl, alkadienyl, cycloalkyl, bicycloalkyl or heterocyclyl group; R<sup>2</sup> represents a hydrogen atom or an alkyl group; or R<sup>1</sup> and R<sup>2</sup> together with the interjacent nitrogen atom represent an optionally substituted heterocyclic ring; R<sup>3</sup> represents an optionally substituted aryl group; and R<sup>4</sup> represents a hydrogen or halogen atom or a group -NR<sup>5</sup>R<sup>6</sup> where R<sup>5</sup> represents a hydrogen atom or an amino, alkyl, cycloalkyl or bicycloalkyl group and R<sup>6</sup> represents a hydrogen atom or an alkyl group; processes for their preparation; compositions containing such compounds and their use as fungicides.

**EP 0 550 113 A3**



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 92 20 4097 **7**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D, A	EP-A-0 071 792 (BASF) * claims 1,3 *	1,8	C07D487/04 A01N43/90
X	FR-A-1 567 021 (VEB) * page 4, column 2, paragraph 5 - page 5, column 2, line 13 *	1	/(C07D487/04, 249:00,239:00)
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C07D A01N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04 JUNE 1993	Examiner ALFARO FAUS I.
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document			